

Converting Colors

XYZ(73.2523, 81.0632,
106.3937)

Have a look what the booklet for
XYZ(73.2523, 81.0632, 106.3937)
contains.

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Color

**XYZ(73.2531, 81.0656,
106.3941)**

Conversions

Conversions Part 1

Format	Color
Hex	CBEEFF
RGB	203, 238, 255
RGB Percent	80%, 93%, 100%
CMY	0.2039, 0.0666, 0.0000
CMYK	0.20, 0.07, 0.00, 0.00
HSL	200°, 100%, 90%
HSV	200°, 20%, 100%
XYZ	73.2531, 81.0656, 106.3941
YIQ	229.4730, -26.3170, -2.1330

Conversions

Conversions Part 2

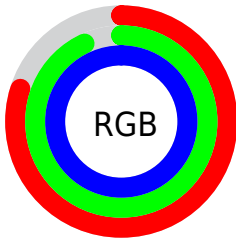
Format	Color
R_{YB}	203, 224, 255
Decimal	13364991
CIE _{Lab}	92.16, -7.79, -11.98
CIE _{LCh}	92, 14.289, 236.972
Yxy	81.0656, 0.2810, 0.3109
Android (android.graphics.Color)	4291555071 (0xFFCBEEFF)
YUV	229.4730, 12.5848, -23.2168
Hunter-Lab	90.0364, -12.3372, -7.0362

Details

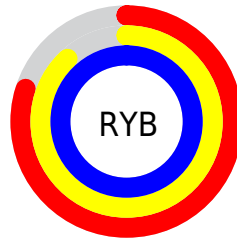
The XYZ color **73.2531, 81.0656, 106.3941** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6124, 76.7571, 67.2265**, and the grayscale version is **74.7504, 78.6432, 85.6425**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1337, 43.8290, 59.8234** is the 20% darker color. If you saturate the color by 10%, you get **64.5013, 73.0366, 105.3056**, and if you desaturate by 10%, it is **83.2637, 89.9145, 107.5745**.

Distribution



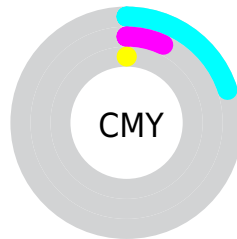
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2531, 81.0656, 106.3941 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 73.2531, 81.0656, 106.3941 by changing the saturation by 10% instead.

73.2531, 81.0656,
106.3941

73.2531, 81.0656,
106.3941

460.9818,
498.5168, 601.9249

54.4721, 60.5956,
81.0046

122.8376,
134.8629, 172.0450

39.2114, 43.8989,
60.0144

154.3719,
168.9590, 213.1435

27.1057, 30.5910,
43.0048

190.8879,
208.3659, 260.3153

17.7896, 20.2876,
29.5575

232.7510,
253.4680, 313.9792

10.8978, 12.6043,
19.2538

280.3266,
304.6498, 374.5535

6.0649, 7.1566,
11.6751

333.9800,

2.9256, 3.5603,

362.2956, 442.4569

6.4030

394.0766,
426.7898, 518.1078

■ 1.1146, 1.4308,
3.0189

■ 0.0372, 0.2392,
1.1043

■ 73.2531, 81.0656,
106.3941

■ 73.2531, 81.0656,
106.3941

■ 64.5013, 73.0366,
105.3056

■ 83.2637, 89.9145,
107.5745

■ 56.9446, 65.7861,
104.3044

94.5801, 99.6035,
108.8482

■ 50.5231, 59.2831,
103.3877

95.0500, 100.0000,
108.9000

■ 45.1688, 53.4903,
102.5517

■ 40.8061, 48.3661,
101.7926

■ 37.3483, 43.8637,
101.1058

■ 34.6921, 39.9271,
100.4860

■ 32.7369, 36.5938,
99.9456

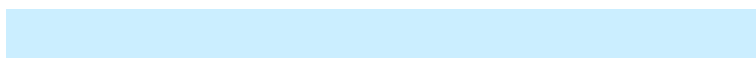
Harmonies

Analogous

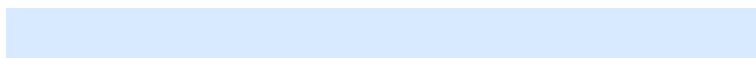
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9073, 81.0656, 97.7928



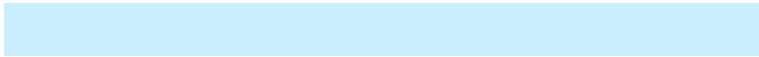
73.2531, 81.0656, 106.3941



76.6768, 81.0656, 110.1182

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2531, 81.0656, 106.3941



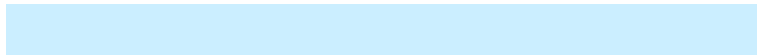
84.3439, 81.0656, 89.3427



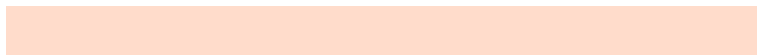
73.8816, 81.0656, 71.3905

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



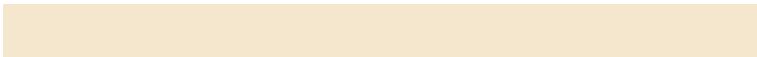
73.2531, 81.0656, 106.3941



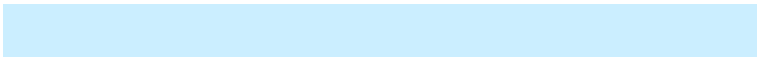
77.6124, 76.7571, 67.2265

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.4252, 81.0656, 69.5158



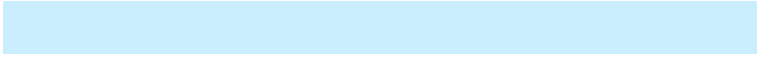
73.2531, 81.0656, 106.3941



83.5385, 81.0656, 79.3801

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



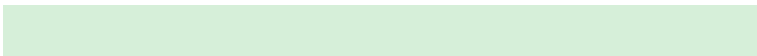
73.2531, 81.0656, 106.3941



83.1442, 81.0656, 99.7939



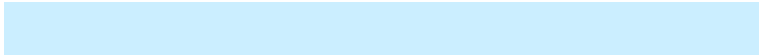
80.9768, 81.0656, 72.3249



71.2619, 81.0656, 77.6631

Rectangle

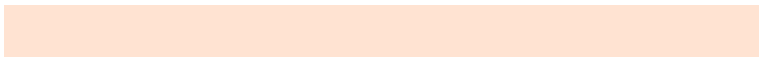
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



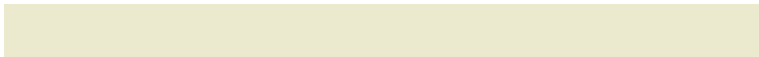
73.2531, 81.0656, 106.3941



79.1370, 81.0656, 109.1299



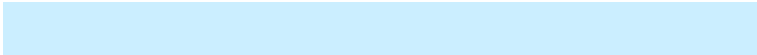
80.9768, 81.0656, 72.3249



75.0008, 81.0656, 70.2479

Sweetspot

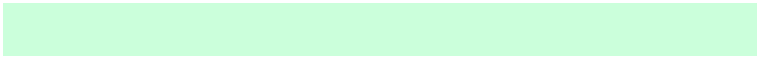
The Sweet Spot groups the original color and five complimentary colors.



73.2553, 81.0688, 106.3946



88.0688, 94.0636, 108.1221



73.2372, 89.3560, 80.7290



18.6939, 19.9992, 23.1249



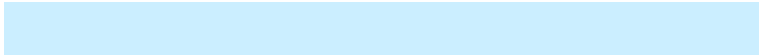
0.0000, 0.0000, 0.0000



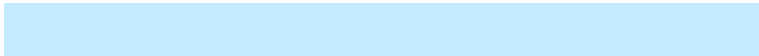
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.2553, 81.0688, 106.3946



69.9543, 78.0779, 105.9913



66.3568, 67.2720, 104.0951



18.0251, 19.4219, 23.0487



17.2477, 19.4050, 52.2711



1.7791, 2.0888, 5.1227

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78.0299, 70.1464, 90.3197



75.4823, 65.7526, 87.3083



84.8137, 91.1597, 69.6269



18.5253, 18.1934, 21.3836



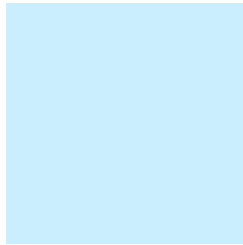
25.4940, 12.6869, 21.7839



2.5326, 1.2554, 2.3860

Previews

White Background



This preview shows how the XYZ color 73.2531, 81.0656, 106.3941 looks on a white background.

Color Contrast Check

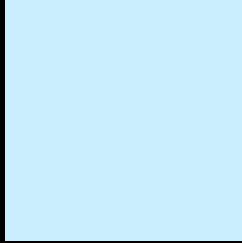
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 73.2531, 81.0656, 106.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

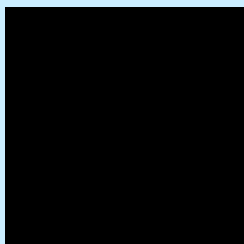
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

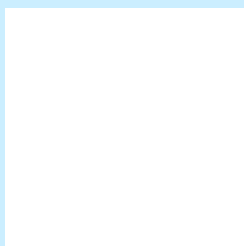
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2531, 81.0656, 106.3941

Background



This preview shows how black text looks on a background with the XYZ color 73.2531, 81.0656, 106.3941.

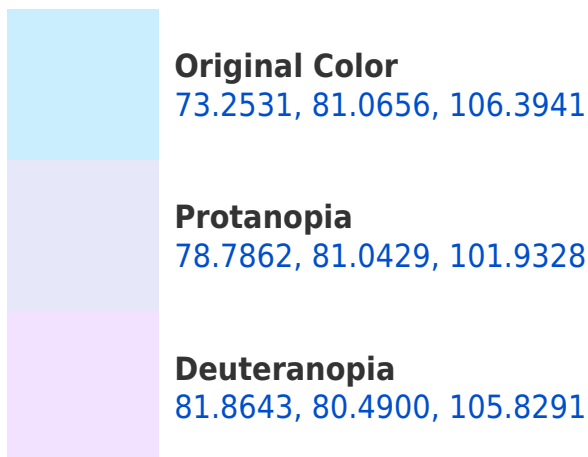


This preview shows how white text looks on a background with the XYZ color 73.2531, 81.0656,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

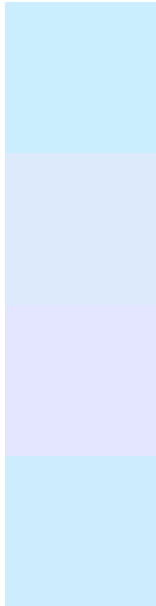




Tritanopia

73.7878, 80.9102, 106.3359

Trichromacy



Original Color

73.2531, 81.0656, 106.3941

Protanomaly

76.8123, 81.2461, 103.7291

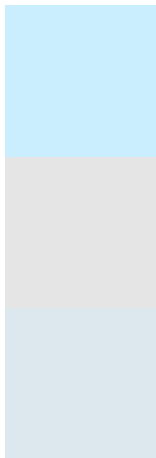
Deuteranomaly

78.3417, 80.3076, 105.9796

Tritanomaly

73.5110, 80.7675, 106.3230

Monochromacy



Original Color

73.2531, 81.0656, 106.3941

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8044, 79.1019, 92.2672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2531, 81.0656, 106.3941 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(203, 238, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 238, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(203, 238, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 238, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2531, 81.0656, 106.3941 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 238, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(203, 238, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(203, 238, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 238, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 238, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 238,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2531, 81.0656, 106.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 238, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(203,  
238, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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